GLOBE VALVE

Cast Steel OS&Y to ANSI
CLASS 150, 2”~8”

KAD-GBF CL150

» Features

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet
Integral body seat ring eliminates leak path behind rings and for long trouble-free service
Available in flanged end connection; butt weld ends also available
EN10204-3.1 Material certificate available

» Standards

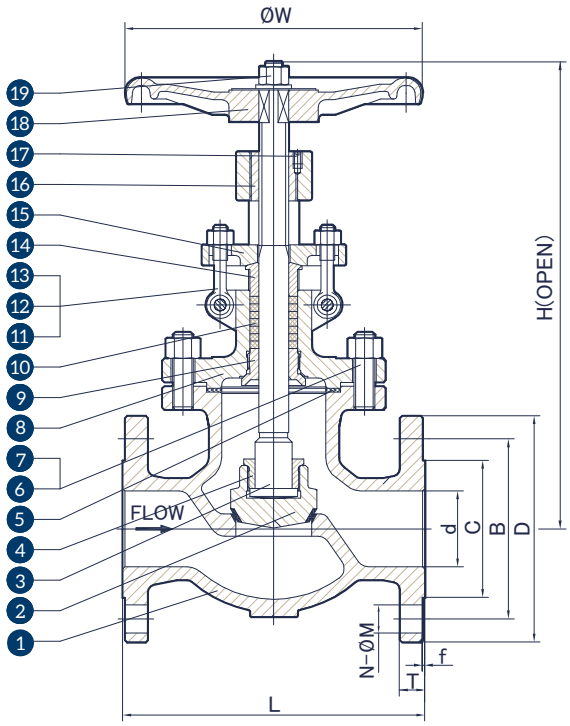
Basic design to BS 1873
Face-to-face acc. to B16.10
End flange dimension acc. to B16.5
Inspection & test acc. to API 598

» Note

For non-horizontal installation, please ensure to consult with us separately,
as special request must be generated to ensure proper function.

Materials List

No.	PARTS NAME	MATERIALS
1	BODY	ASTM A216 WCB + 13Cr
2	DISC	ASTM A105 +13Cr
3	STEM	ASTM A182 F6a
4	DICS BONNET	AISI 1025
5	GASKET	SS304+FLEXIBLE GRAPHITE
6	BONNET BOLT	ASTM A193 B7
7	BONNET NUT	ASTM A194 2H
8	BONNET	ASTM A216 WCB
9	BACKSEAT BUSHING	ASTM A182 F6a
10	STEM PACKING	FLEXIBLE GRAPHITE
11	GLAND EYEBOLT	ASTM A193 B7
12	GLAND NUT	ASTM A194 2H
13	PIN	AISI 1025
14	GLAND	ASTM A182 F6a
15	GLAND FLANGE	ASTM A216 WCB
16	STEM NUT	COPPER ALLOY
17	GRUP SCREW	CARBON STEEL
18	HANDWHEEL	DUCTILE IRON
19	LOCK NUT	ASTM A194 2H



Dimensions (mm)

Size		d	D	B	C	W	L	H	T	f	N	M	N	Weight kg
IN	DN													
2"	50	51	152	120.5	92	200	203	373	16	1.6	4	19	4	14
2½"	65	64	178	139.5	105	220	216	390	18	1.6	4	19	4	21
3"	80	76	190	152.5	127	250	241	421	19	1.6	4	19	4	24
4"	100	102	229	190.5	157	300	292	515	24	1.6	8	19	8	42
5"	125	127	254	216.0	186	350	356	538	24	1.6	8	22	8	53
6"	150	152	279	241.5	216	400	406	567	26	1.6	8	22	8	71
8"	200	203	343	298.5	270	450	495	626	29	1.6	8	22	8	116

GLOBE VALVE

Cast Steel OS&Y to ANSI
CLASS 150, 10”~16”

KAD-GBF CL150

» Features

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet
Integral body seat ring eliminates leak path behind rings and for long trouble-free service
Available in flanged end connection; butt weld ends also available
EN10204-3.1 Material certificate available

» Standards

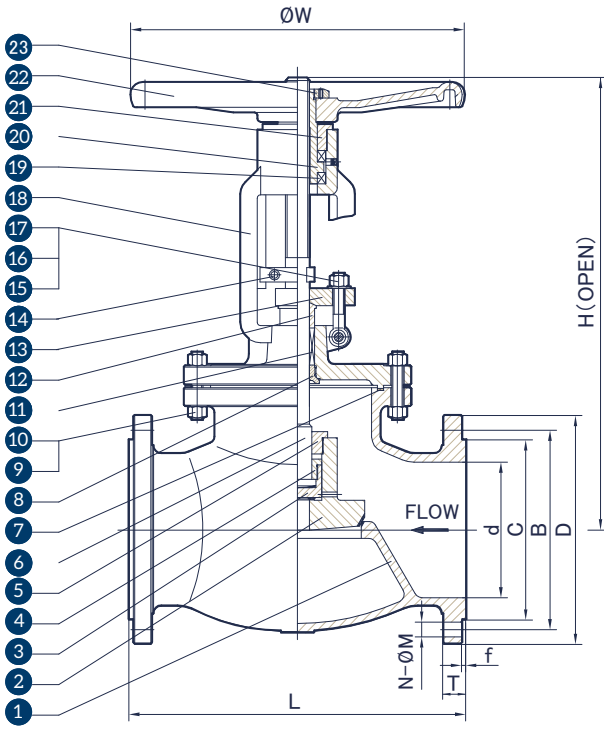
Basic design to BS 1873
Face-to-face acc. to B16.10
End flange dimension acc. to B16.5
Inspection & test acc. to API 598

» Note

For non-horizontal installation, please ensure to consult with us separately,
as special request must be generated to ensure proper function.

Materials List

No.	PARTS NAME	MATERIALS
1	BODY	ASTM A216 WCB + 13Cr
2	BIG DISC	ASTM A105 +13Cr
3	SMALL DISC	ASTM A105 +13Cr
4	SMALL DISC NUT	ASTM A105
5	BIG DISC NUT	ASTM A105
6	STEM	ASTM A182 F6a
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BACKSEAT BUSHING	ASTM A182 F6a
9	BONNET NUT	ASTM A194 2H
10	BONNET BOLT	ASTM A193 B7
11	STEM PACKING	FLEXIBLE GRAPHITE
12	GLAND	ASTM A182 F6a
13	GLAND FLANGE	ASTM A216 WCB
14	SPLINTS	CARBON STEEL
15	PIN	CARBON STEEL
16	GLAND EYEBOLT	ASTM A193 B7
17	GLAND NUT	ASTM A194 2H
18	BONNET	ASTM A216 WCB
19	BEARINGS	ALLOY STEEL
20	STEM NUT	COPPER ALLOY
21	RETAINING NUT	CARBON STEEL
22	HANDWHEEL	DUCTILE IRON
23	LOCK NUT	CARBON STEEL



Dimensions (mm)

Size		d	D	B	C	W	L	H	T	f	N	M	Weight kg
IN	DN												
10"	250	254	406	362	324	450	622	712	31	1.6	12	25	194
12"	300	305	483	432	381	500	698	990	32	1.6	12	25	360
14"	350	337	533	476	413	550	787	1085	35	1.6	12	29	450
16"	400	387	597	540	470	600	914	1220	37	1.6	16	29	700

GLOBE VALVE

Cast Steel OS&Y to ANSI
CLASS 300, 2”~6”

KAD-GBF CL300

» Features

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet
Integral body seat ring eliminates leak path behind rings and for long trouble-free service
Available in flanged end connection; butt weld ends also available
EN10204-3.1 Material certificate available

» Standards

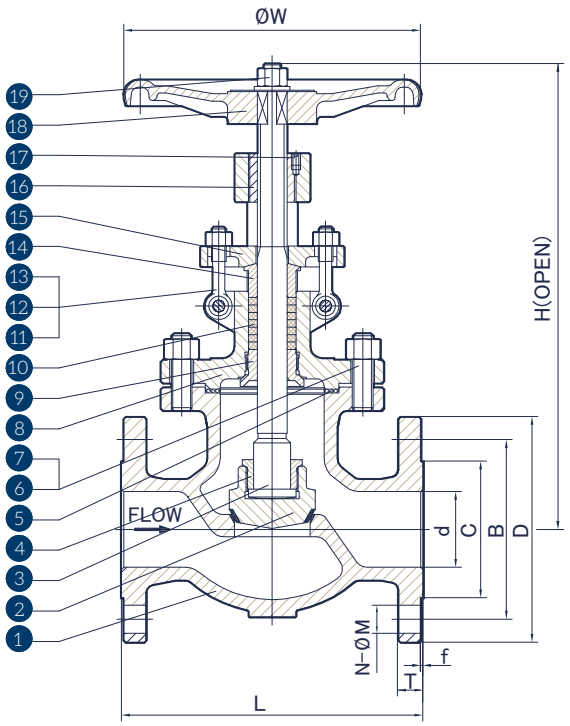
Basic design to BS 1873
Face-to-face acc. to B16.10
End flange dimension acc. to B16.5
Inspection & test acc. to API 598

» Note

For non-horizontal installation, please ensure to consult with us separately,
as special request must be generated to ensure proper function.

Materials List

No.	PARTS NAME	MATERIALS
1	BODY	ASTM A216 WCB + 13Cr
2	DISC	ASTM A105 +13Cr
3	STEM	ASTM A182 F6a
4	DICS BONNET	AISI 1025
5	GASKET	SS304+FLEXIBLE GRAPHITE
6	BONNET BOLT	ASTM A193 B7
7	BONNET NUT	ASTM A194 2H
8	BONNET	ASTM A216 WCB
9	BACKSEAT BUSHING	ASTM A182 F6a
10	STEM PACKING	FLEXIBLE GRAPHITE
11	GLAND EYEBOLT	ASTM A193 B7
12	GLAND NUT	ASTM A194 2H
13	PIN	AISI 1025
14	GLAND	ASTM A182 F6a
15	GLAND FLANGE	ASTM A216 WCB
16	STEM NUT	COPPER ALLOY
17	GRUP SCREW	CARBON STEEL
18	HANDWHEEL	DUCTILE IRON
19	LOCK NUT	ASTM A194 2H



Dimensions (mm)

Size		d	D	B	C	W	L	H	T	f	N	M	Weight kg
IN	DN												
2"	50	51	165	127	92	200	267	398	23	1.6	8	19	21
2½"	65	64	190	149	105	220	292	436	26	1.6	8	22	30
3"	80	76	210	168.5	127	250	318	462	29	1.6	8	22	38
4"	100	102	254	200	157	300	356	560	32	1.6	8	22	59
5"	125	127	279	235	186	350	400	620	35	1.6	8	22	110
6"	150	152	318	270	216	400	444	694	37	1.6	12	22	111

GLOBE VALVE

Cast Steel OS&Y to ANSI CLASS 300, 8”~12”

KAD-GBF CL300

» Features

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet
Integral body seat ring eliminates leak path behind rings and for long trouble-free service
Available in flanged end connection; butt weld ends also available
EN10204-3.1 Material certificate available

» Standards

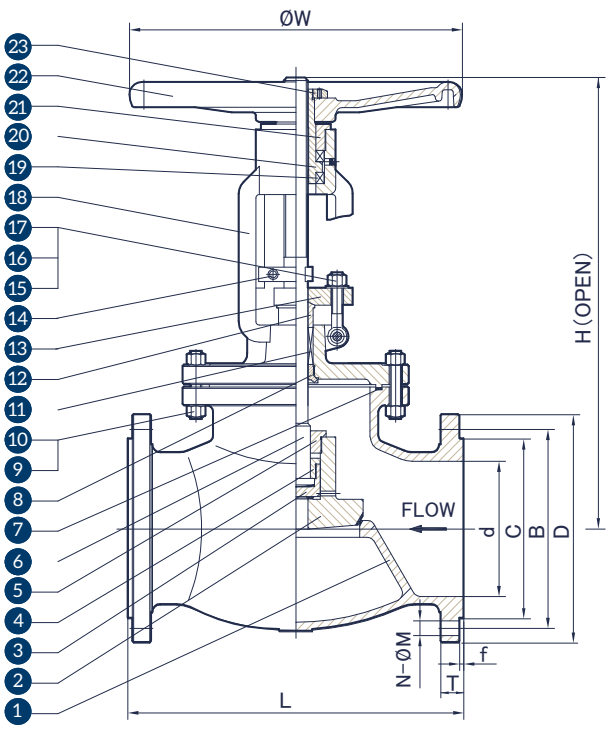
Basic design to BS 1873
Face-to-face acc. to B16.10
End flange dimension acc. to B16.5
Inspection & test acc. to API 598

» Note

For non-horizontal installation, please ensure to consult with us separately,
as special request must be generated to ensure proper function.

Materials List

No.	PARTS NAME	MATERIALS
1	BODY	ASTM A216 WCB + 13Cr
2	BIG DISC	ASTM A105 +13Cr
3	SMALL DISC	ASTM A105 +13Cr
4	SMALL DISC NUT	ASTM A105
5	BIG DISC NUT	ASTM A105
6	STEM	ASTM A182 F6a
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BACKSEAT BUSHING	ASTM A182 F6a
9	BONNET NUT	ASTM A194 2H
10	BONNET BOLT	ASTM A193 B7
11	STEM PACKING	FLEXIBLE GRAPHITE
12	GLAND	ASTM A182 F6a
13	GLAND FLANGE	ASTM A216 WCB
14	SPLITS	CARBON STEEL
15	PIN	CARBON STEEL
16	GLAND EYEBOLT	ASTM A193 B7
17	GLAND NUT	ASTM A194 2H
18	BONNET	ASTM A216 WCB
19	BEARINGS	ALLOY STEEL
20	STEM NUT	COPPER ALLOY
21	RETAINING NUT	CARBON STEEL
22	HANDWHEEL	DUCTILE IRON
23	LOCK NUT	CARBON STEEL



Dimensions (mm)

Size		d	D	B	C	W	L	H	T	f	N	M	Weight kg
IN	DN												
8"	200	203	381	330	270	450	559	900	42	1.6	12	25	230
10"	250	254	445	387.5	324	500	622	1000	48	1.6	16	29	350
12"	300	305	521	451	381	500	711	1130	51	1.6	16	32	512

GLOBE VALVE

Cast Steel OS&Y to ANSI
CLASS 600, 2”~4”

KAD-GBF CL600

» Features

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet
Integral body seat ring eliminates leak path behind rings and for long trouble-free service
Available in flanged end connection; butt weld ends also available
EN10204-3.1 Material certificate available

» Standards

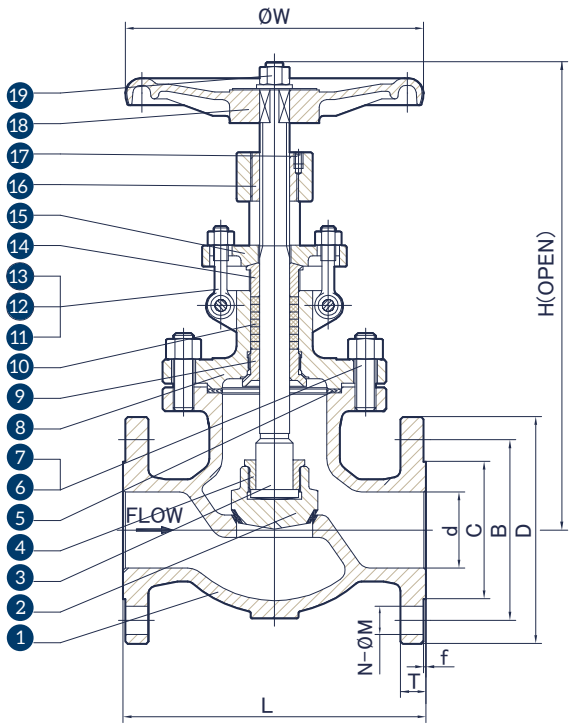
Basic design to BS 1873
Face-to-face acc. to B16.10
End flange dimension acc. to B16.5
Inspection & test acc. to API 598

» Note

For non-horizontal installation, please ensure to consult with us separately,
as special request must be generated to ensure proper function.

Materials List

No.	PARTS NAME	MATERIALS
1	BODY	ASTM A216 WCB + 13Cr
2	DISC	ASTM A105 +13Cr
3	STEM	ASTM A182 F6a
4	DICS BONNET	AISI 1025
5	GASKET	SS304+FLEXIBLE GRAPHITE
6	BONNET BOLT	ASTM A193 B7
7	BONNET NUT	ASTM A194 2H
8	BONNET	ASTM A216 WCB
9	BACKSEAT BUSHING	ASTM A182 F6a
10	STEM PACKING	FLEXIBLE GRAPHITE
11	GLAND EYEBOLT	ASTM A193 B7
12	GLAND NUT	ASTM A194 2H
13	PIN	AISI 1025
14	GLAND	ASTM A182 F6a
15	GLAND FLANGE	ASTM A216 WCB
16	STEM NUT	COPPER ALLOY
17	GRUP SCREW	CARBON STEEL
18	HANDWHEEL	DUCTILE IRON
19	LOCK NUT	ASTM A194 2H



Dimensions (mm)

Size		d	D	B	C	W	L	H	T	f	N	M	Weight kg
IN	DN												
2"	50	51	165	127	92	250	292	425	26	6.4	8	19	29
2½"	65	64	190	149	105	280	330	502	29	6.4	8	22	55
3"	80	76	210	168	127	300	356	521	32	6.4	8	22	60
4"	100	102	273	216	157	350	432	620	38	6.4	8	25	100

GLOBE VALVE

Cast Steel OS&Y to ANSI
CLASS 600, 6”~10”

KAD-GBF CL600

» Features

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet
Integral body seat ring eliminates leak path behind rings and for long trouble-free service
Available in flanged end connection; butt weld ends also available
EN10204-3.1 Material certificate available

» Standards

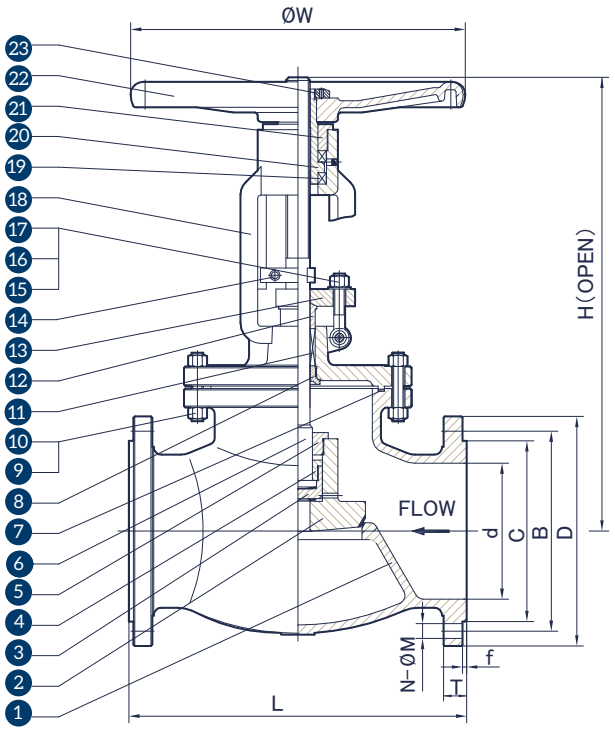
Basic design to BS 1873
Face-to-face acc. to B16.10
End flange dimension acc. to B16.5
Inspection & test acc. to API 598

» Note

For non-horizontal installation, please ensure to consult with us separately,
as special request must be generated to ensure proper function.

Materials List

No.	PARTS NAME	MATERIALS
1	BODY	ASTM A216 WCB + 13Cr
2	BIG DISC	ASTM A105 +13Cr
3	SMALL DISC	ASTM A105 +13Cr
4	SMALL DISC NUT	ASTM A105
5	BIG DISC NUT	ASTM A105
6	STEM	ASTM A182 F6a
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BACKSEAT BUSHING	ASTM A182 F6a
9	BONNET NUT	ASTM A194 2H
10	BONNET BOLT	ASTM A193 B7
11	STEM PACKING	FLEXIBLE GRAPHITE
12	GLAND	ASTM A182 F6a
13	GLAND FLANGE	ASTM A216 WCB
14	SPLITS	CARBON STEEL
15	PIN	CARBON STEEL
16	GLAND EYEBOLT	ASTM A193 B7
17	GLAND NUT	ASTM A194 2H
18	BONNET	ASTM A216 WCB
19	BEARINGS	ALLOY STEEL
20	STEM NUT	COPPER ALLOY
21	RETAINING NUT	CARBON STEEL
22	HANDWHEEL	DUCTILE IRON
23	LOCK NUT	CARBON STEEL



Dimensions (mm)

Size		d	D	B	C	W	L	H	T	f	N	M	Weight kg
IN	DN												
6"	150	152	356	292	216	500	559	886	48	6.4	12	29	255
8"	200	200	419	349	270	550	660	932	56	6.4	12	32	430
10"	250	248	508	432	324	700	787	1040	64	6.4	16	35	660

GLOBE VALVE

Cast Steel OS&Y to ANSI
CLASS 900, 2”~8”

KAD-GBF CL900

» Features

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet
Integral body seat ring eliminates leak path behind rings and for long trouble-free service
Available in flanged end connection; butt weld ends also available
EN10204-3.1 Material certificate available

» Standards

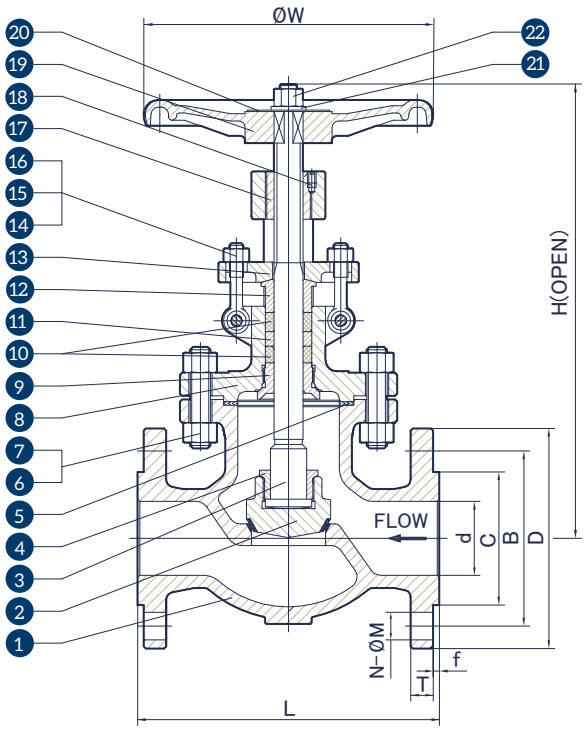
Basic design to BS 1873
Face-to-face acc. to B16.10
End flange dimension acc. to B16.5
Inspection & test acc. to API 598

» Note

For non-horizontal installation, please ensure to consult with us separately,
as special request must be generated to ensure proper function.

Materials List

No.	PARTS NAME	MATERIALS
1	BODY	ASTM A216 WCB + 13Cr
2	DISC	ASTM A105 +13Cr
3	STEM	ASTM A182 F6a
4	DICS BONNET	AISI 1025
5	GASKET	SS304+FLEXIBLE GRAPHITE
6	BONNET BOLT	ASTM A193 B7
7	BONNET NUT	ASTM A194 2H
8	BONNET	ASTM A216 WCB
9	BACKSEAT BUSHING	ASTM A182 F6a
10	STEM PACKING	FLEXIBLE GRAPHITE
11	STEM PACKING	ASTM A182 F6a
12	GLAND	ASTM A182 F6a
13	GLAND FLANGE	ASTM A216 WCB
14	GLAND EYEBOLT	ASTM A193 B7
15	GLAND NUT	ASTM A194 2H
16	PIN	AISI 1025
17	STEM NUT	COPPER ALLOY
18	GRUP SCREW	CARBON STEEL
19	HANDWHEEL	DUCTILE IRON
20	NAME PLATE	ALUMINUM
21	WASHER	CARBON STEEL
22	LOCK NUT	ASTM A194 2H



Dimensions (mm)

Size		d	D	B	C	W	L	H	T	f	N	M
IN	DN											
2"	50	49	215	165.1	92	250	368	425	38.5	7	8	25.5
2½"	65	57	245	190.5	105	280	419	502	41.3	7	8	28.5
3"	80	73	240	190.5	127	300	381	521	38.5	7	8	25.5
4"	100	98	292	234.9	157	350	457	620	44.5	7	8	32
6"	150	148	381	317.5	216		610		56	7	12	32
8"	200	191	470	393.7	269.9		737		63.5	7	12	38

GLOBE VALVE

Cast Steel OS&Y to ANSI
CLASS 1500, 2”~8”

KAD-GBF CL1500

» Features

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; outside screw & yoke, bolted bonnet
Integral body seat ring eliminates leak path behind rings and for long trouble-free service
Available in flanged end connection; butt weld ends also available
EN10204-3.1 Material certificate available

» Standards

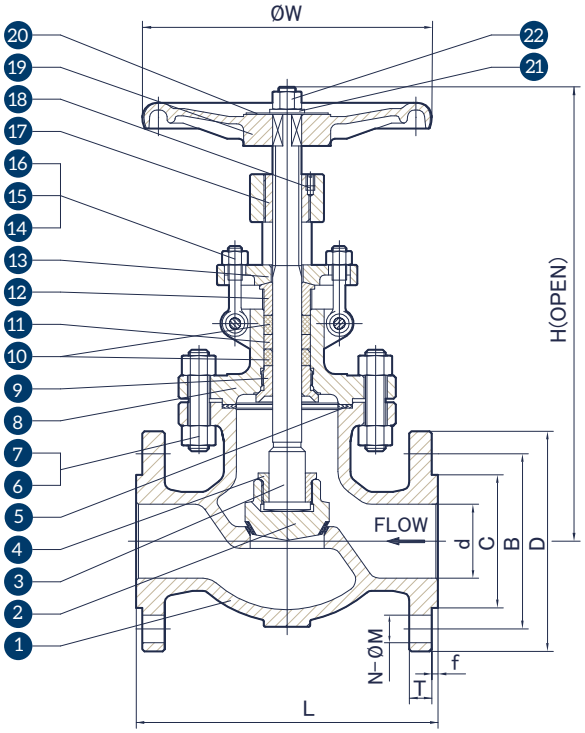
Basic design to BS 1873
Face-to-face acc. to B16.10
End flange dimension acc. to B16.5
Inspection & test acc. to API 598

» Note

For non-horizontal installation, please ensure to consult with us separately,
as special request must be generated to ensure proper function.

Materials List

No.	PARTS NAME	MATERIALS
1	BODY	ASTM A216 WCB + 13Cr
2	DISC	ASTM A105 +13Cr
3	STEM	ASTM A182 F6a
4	DICS BONNET	AISI 1025
5	GASKET	SS304+FLEXIBLE GRAPHITE
6	BONNET BOLT	ASTM A193 B7
7	BONNET NUT	ASTM A194 2H
8	BONNET	ASTM A216 WCB
9	BACKSEAT BUSHING	ASTM A182 F6a
10	STEM PACKING	FLEXIBLE GRAPHITE
11	STEM PACKING	ASTM A182 F6a
12	GLAND	ASTM A182 F6a
13	GLAND FLANGE	ASTM A216 WCB
14	GLAND EYEBOLT	ASTM A193 B7
15	GLAND NUT	ASTM A194 2H
16	PIN	AISI 1025
17	STEM NUT	COPPER ALLOY
18	GRUP SCREW	CARBON STEEL
19	HANDWHEEL	DUCTILE IRON
20	NAME PLATE	ALUMINUM
21	WASHER	CARBON STEEL
22	LOCK NUT	ASTM A194 2H



Dimensions (mm)

Size		d	D	B	C	W	L	H	T	f	N	M
IN	DN											
2"	50	49	215	165.1	92	250	368	425	38.5	7	8	25.5
2½"	65	57	245	190.5	105	280	419	502	41.3	7	8	28.5
3"	80	70	265	203.2	127	300	470	521	47.7	7	8	32
4"	100	92	310	241.3	157	350	546	620	54	7	8	35
6"	150	136	395	317.5	216		705		82.6	7	12	38
8"	200	178	485	393.7	269.9		832		92.1	7	12	45

All information is based on years of experience in production and operation of sealing elements. However, in view of the wide variety of possible installation and operating conditions one cannot draw final conclusions in all application cases regarding the behaviour in gasket joint. The data may not, therefore, be used to support any warranty claims. This edition cancels all previous issues. Subject to change without notice.

Certified acc. to DIN EN ISO 9001:2015 Subject to technical alterations.
KLINGER Industrial Products India Pvt. Ltd. #6 Tarana, 1st Floor, GoodEarth Malhar, Kambipura, Kengeri, Bengaluru 560074, Karnataka, India. Tel +91 8618523021 / +91 80 2990 9572 / e-mail: info@klinger.in

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